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DIALOG(R) File 351:Derwent WPI
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Making "olive" electrodes for measuring gastric juice ph - by pressing mixture of antimony and high density polyethylene in particular ratio

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 620390	A	19780707				197925 B

Priority Applications (No Type Date): SU 2451013 A 19770207

Abstract (Basic): SU 620390 A

Making "olives" (electrodes) for use as gastric sondes for determining pH in the stomach, etc. involves using antimony and a polymer. The technology of making and maintaining the olives is improved by using powdered polyethylene as the polymer, mixing it with powdered antimony in a weight ratio corresponding to 0.15-0.25.3. The mixture obtained is pressed at 200-250 degrees C and 450-1200 kgs/cm² for a period of 10-40 minutes.

Title Terms: OLIVE; ELECTRODE; MEASURE; GASTRIC; JUICE; PH; PRESS; MIXTURE; ANTIMONY; HIGH; DENSITY; POLYETHYLENE; RATIO

Derwent Class: A17; A96; B04; J04; S03

International Patent Class (Additional): B29F-005/02; G01N-027/30

File Segment: CPI; EPI

Manual Codes (CPI/A-N): A04-G02E3; A12-E; A12-V03C; B04-C03B; B05-A02; B11-C04A; B12-K04; J04-B01

Plasdoc Codes (KS): 0231 0239 0247 2541 2680 2743 2768

Polymer Fragment Codes (PF):

001 011 04- 041 046 047 049 393 540 623 627 643 645 688 722

Chemical Fragment Codes (M1):

01 V743 H721 N100 M430 M510 M520 M530 M540 M740 M750 P831 P832 M782
R000 M423 M417 M424 M902

Chemical Fragment Codes (M2):

02 C810 A351 N100 M430 M740 M750 P831 P832 M782 R000 M411 M417 M424
M902

Chemical Fragment Codes (M6):

03 R510 R528 P831 P832 M902

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